

Title (en)
Fluid transfer device and system

Title (de)
Fluidtransfervorrichtung und System

Title (fr)
Dispositif et système de transfert de fluides

Publication
EP 2336610 B1 20190213 (EN)

Application
EP 10189175 A 20101028

Priority
US 28017209 P 20091030

Abstract (en)
[origin: EP2336610A2] Fluid transfer apparatus including a body (4) having a bore (10) formed through at least a portion of its interior. Contained within the bore (10) is a movable plunger (18) that moves without changing the axial dimensions of the body. A first end (6) of the body contains a face designed to be attached to an upstream component. A second end (8) of the body is connected to a downstream component such as a filter, pipeline, etc. A first end of the plunger (18), when it is in the closed position, is in alignment with the face of the body, which combined form a steamable surface and a sterile barrier against the environment to the remainder of the interior of the body, the plunger (18) and downstream components. An outer annular collar is rotatable relative to the body and causes the plunger (18) to move axially within the bore from an open to a closed position.

IPC 8 full level
F16K 1/12 (2006.01)

CPC (source: EP US)
F16K 1/12 (2013.01 - EP US); **F16K 11/22** (2013.01 - US); **F16K 31/445** (2013.01 - US); **F16K 31/50** (2013.01 - US); **F16K 31/60** (2013.01 - US); **G01N 15/0826** (2013.01 - US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/7932** (2015.04 - EP US); **Y10T 137/794** (2015.04 - EP US); **Y10T 137/85938** (2015.04 - EP US); **Y10T 137/87885** (2015.04 - EP US)

Cited by
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